SERIAL NO. 10/792,319

JUTTU, SMITH

PATENT APPLICATION STC-03-0009

In the Claims:

Amend Claim 1 to read:

1. A process for the aromatization of hydrocarbons comprising:

a) contacting an alkane containing 2 to 6 carbon atoms per molecule with at least one catalyst

containing a gallium comprising a zeolite having gallium and silicon in the framework on which a

metal consisting essentially of platinum has been deposited; and

b) recovering the an aromatic product.

Amend Claim 2 to read:

2. The process of claim 1 wherein the catalyst has a silicon to gallium atomic ratio (Si/Ga) is

greater than 5.

Amend Claim 5 to read:

5. The process of claim 1 wherein platinum is present in the range of from 0.05wt% to 3wt%.

Amend Claim 6 to read:

6. The process of claim 5 wherein platinum is present in the range of from 0.2wt% to 2wt%.

Amend Claim 7 to read:

7. The process of claim 6 wherein platinum is present in the range of from 0.2wt% to 1.5wt%.

4

Amend Claim 14 to read:

14. The process of Claim 1 wherein the sodium form of the zeolite catalyst is represented as:

$$| Na_x \cdot (H_2O)_z | [Ga_x Si_v O_{2y+3x/2}]$$
-MFI

where x=0.1-25; y=60-100; and z=0.1-10.

Add Claim 37:

37. The process of Claim 1 wherein the catalyst is treated first with hydrogen, second with a sulfur compound; and then again with hydrogen.